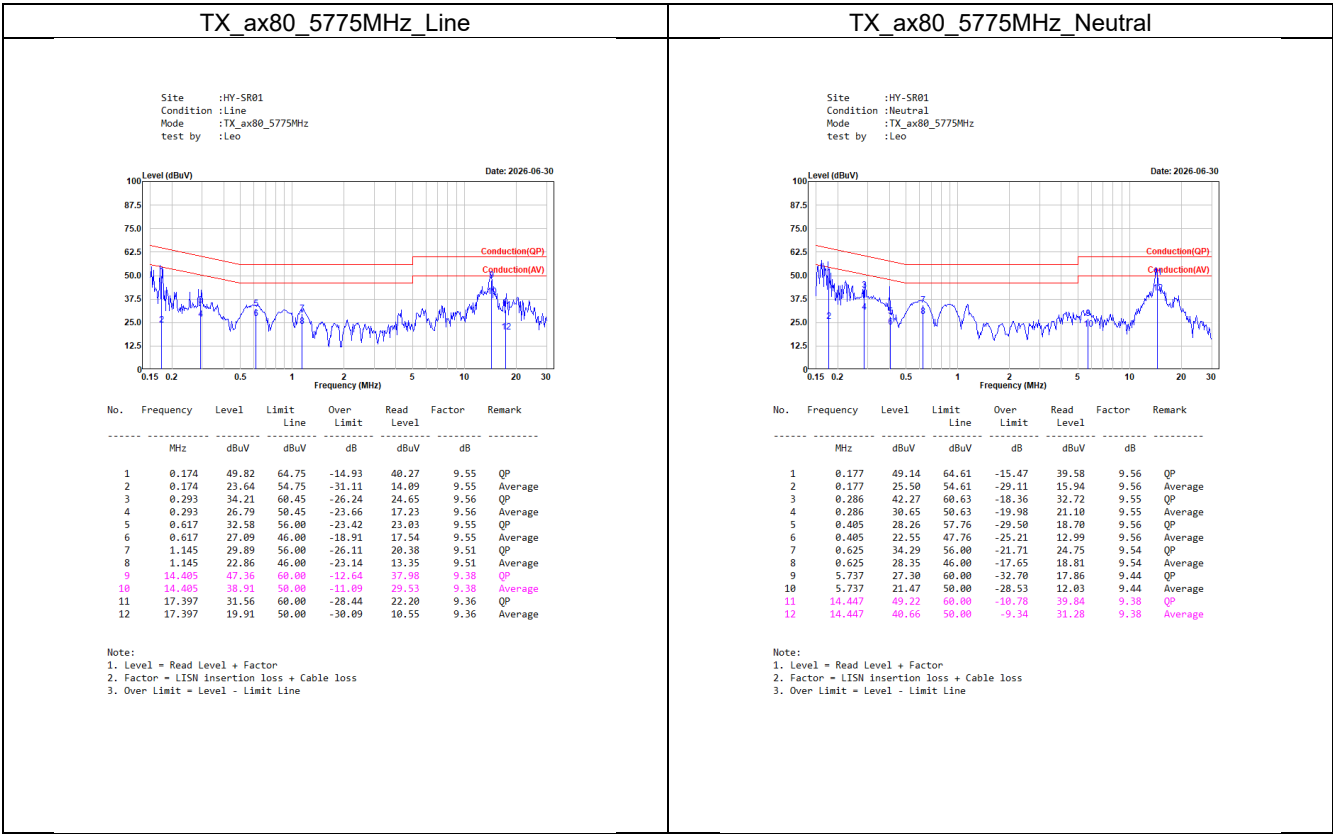


Appendix A. Test Result of AC Power Line Conducted Emission



Appendix B. Test Result of Emission Bandwidthh

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Occupied Bandwidth & 26dB Bandwidth	
802.11a (20MHz)	5180	16.34	16.38	16.42	16.42	19.72	20.04	20.36	20.48	-	
	5220	16.38	16.38	16.38	16.38	20.32	19.76	20.32	20.40	-	
	5240	16.38	16.38	16.38	16.42	20.04	20.32	20.40	20.68	-	
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				DTS Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Occupied Bandwidth	DTS Bandwidth
802.11a (20MHz)	5745	16.38	16.38	16.38	16.34	16.04	16.04	15.72	15.92	-	≥ 0.5
	5785	16.38	16.34	16.34	16.38	15.68	15.92	15.52	16.32	-	≥ 0.5
	5825	16.34	16.38	16.38	16.38	16.32	15.80	15.64	16.04	-	≥ 0.5

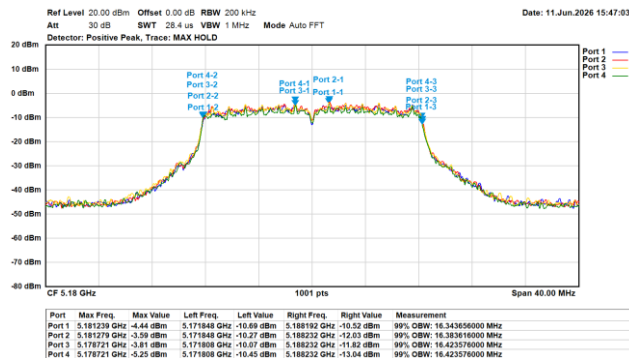
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Occupied Bandwidth & 26dB Bandwidth	
802.11ax (20MHz)	5180	18.94	18.94	18.94	18.94	21.52	20.96	20.88	20.96	-	
	5220	18.90	18.90	18.94	18.90	21.00	21.04	20.92	21.08	-	
	5240	18.90	18.90	18.90	18.94	21.28	21.00	22.08	21.24	-	
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				DTS Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Occupied Bandwidth	DTS Bandwidth
802.11ax (20MHz)	5745	18.98	18.94	18.86	18.90	18.84	16.84	17.32	18.72	-	≥ 0.5
	5785	18.94	18.94	18.94	18.90	18.76	17.72	18.48	17.24	-	≥ 0.5
	5825	18.94	18.90	18.90	18.90	17.56	18.36	18.92	17.40	-	≥ 0.5

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Occupied Bandwidth & 26dB Bandwidth	
802.11ax (40MHz)	5190	37.72	37.80	37.80	37.72	40.24	40.24	40.64	40.72	-	
	5230	37.80	37.80	37.64	37.80	40.16	41.12	40.72	40.72	-	
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				DTS Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Occupied Bandwidth	DTS Bandwidth
802.11ax (40MHz)	5755	37.72	37.72	37.80	37.88	36.64	38.08	36.40	36.40	-	≥ 0.5
	5795	37.88	37.80	37.80	37.72	36.80	38.00	37.76	38.16	-	≥ 0.5

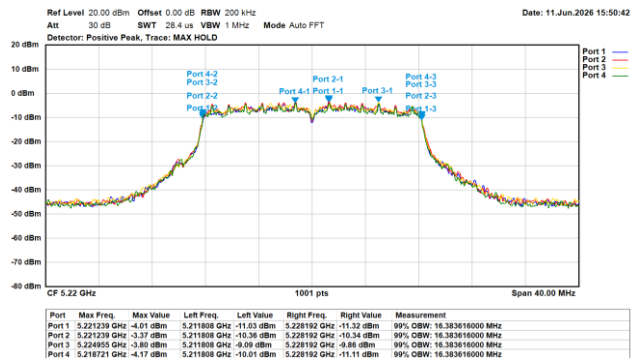
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Occupied Bandwidth & 26dB Bandwidth	
802.11ax (80MHz)	5210	77.04	76.72	76.88	76.72	81.76	80.96	81.12	80.80	-	
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				DTS Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Occupied Bandwidth	DTS Bandwidth
802.11ax (80MHz)	5775	77.20	77.52	77.36	77.20	77.76	75.20	76.64	76.48	-	≥ 0.5

For 99% Occupied Bandwidth:

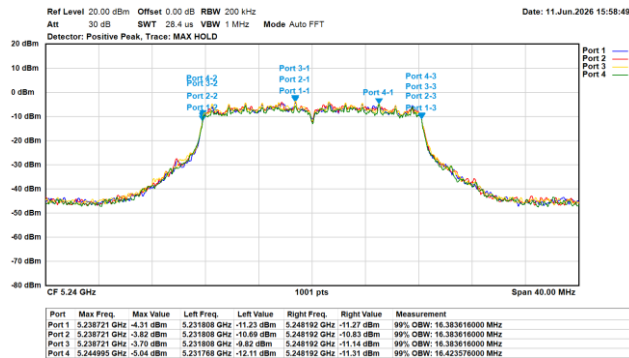
802.11a/20MHz/6M/5180MHz/Ch36



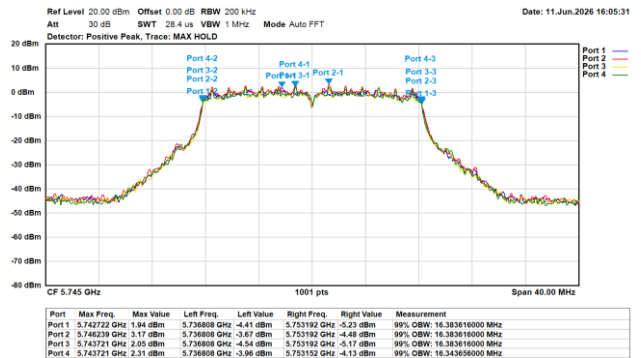
802.11a/20MHz/6M/5220MHz/Ch44



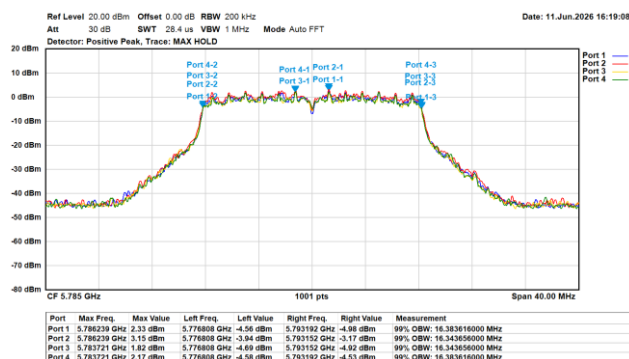
802.11a/20MHz/6M/5240MHz/Ch48



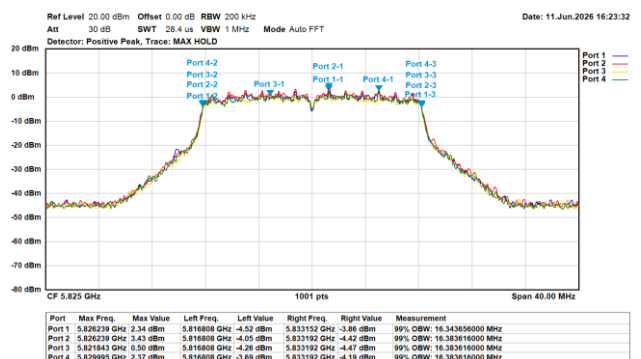
802.11a/20MHz/6M/5745MHz/Ch149



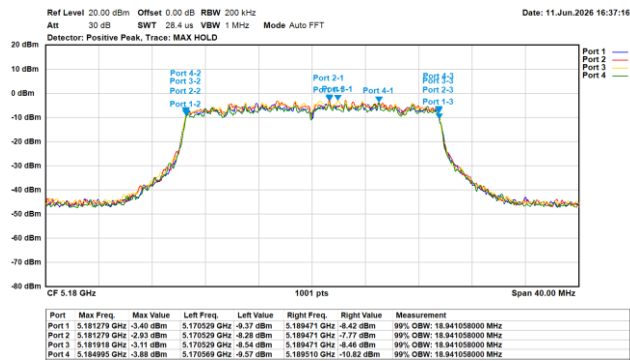
802.11a/20MHz/6M/5785MHz/Ch157



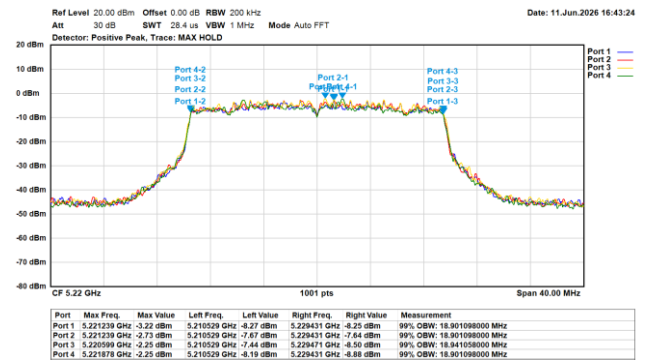
802.11a/20MHz/6M/5825MHz/Ch165



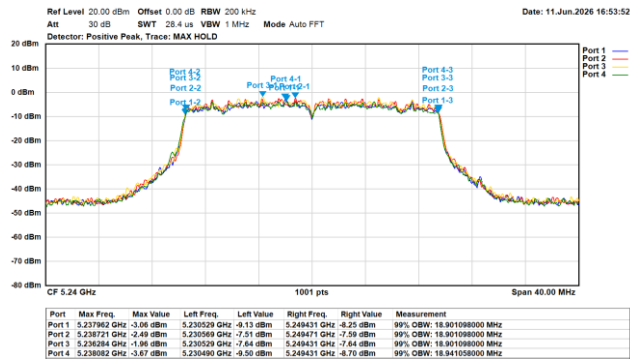
802.11ax/20MHz/MCS0/5180MHz/Ch36



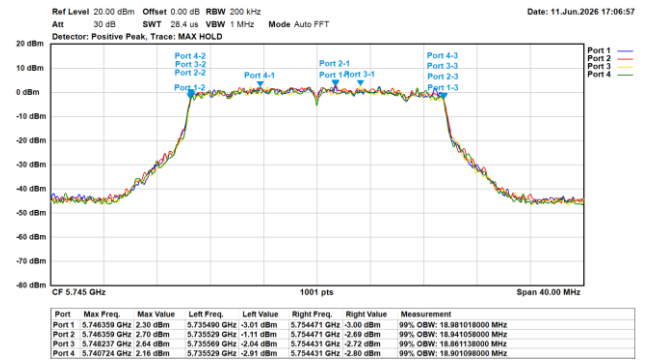
802.11ax/20MHz/MCS0/5220MHz/Ch44



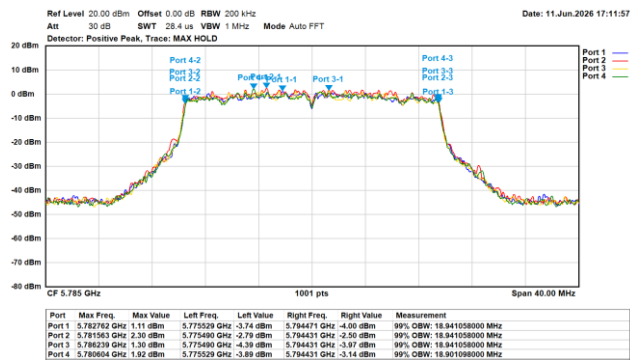
802.11ax/20MHz/MCS0/5240MHz/Ch48



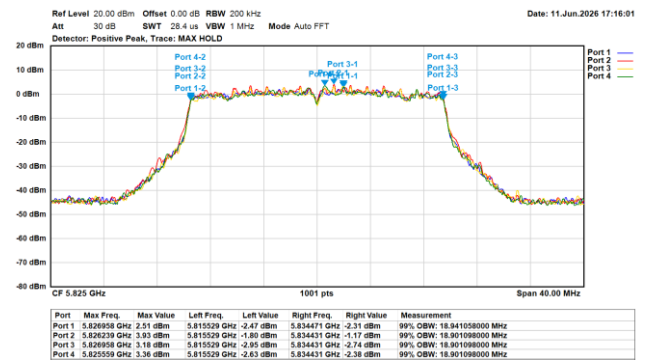
802.11ax/20MHz/MCS0/5745MHz/Ch149



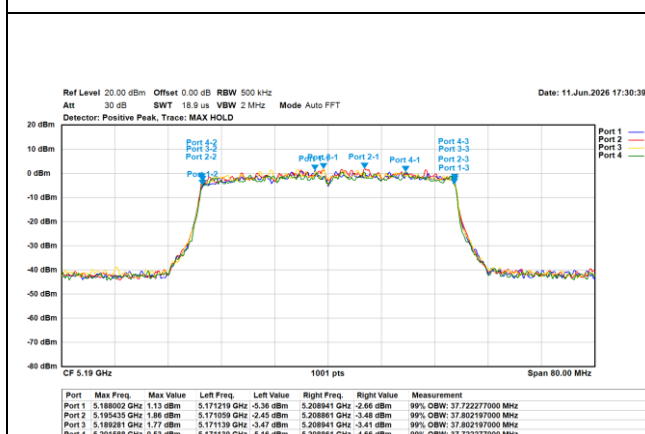
802.11ax/20MHz/MCS0/5785MHz/Ch157



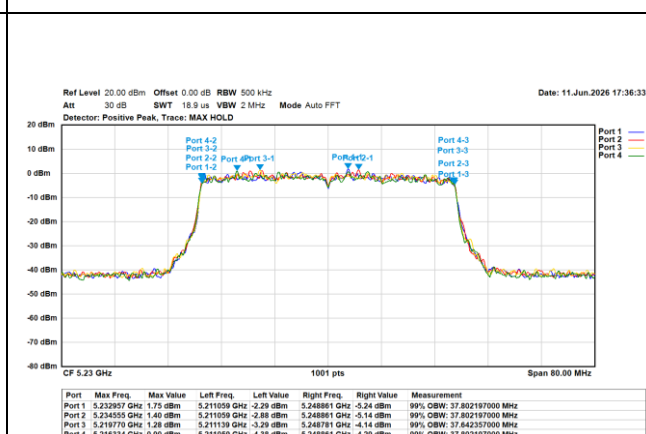
802.11ax/20MHz/MCS0/5825MHz/Ch165



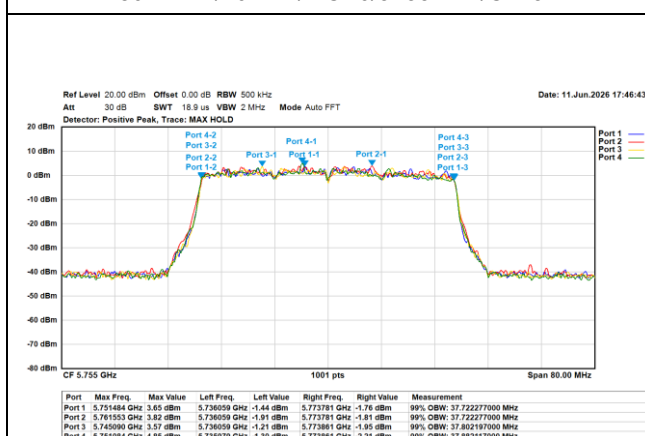
802.11ax/40MHz/MCS0/5190MHz/Ch38



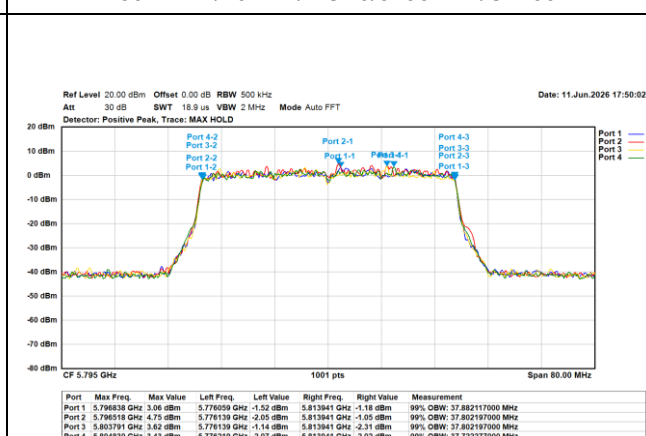
802.11ax/40MHz/MCS0/5230MHz/Ch46



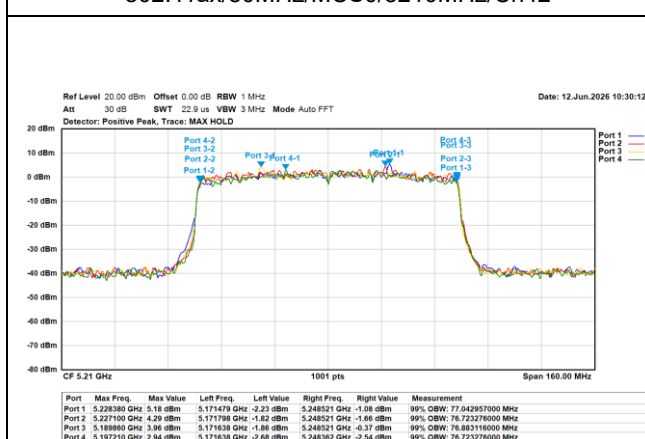
802.11ax/40MHz/MCS0/5755MHz/Ch151



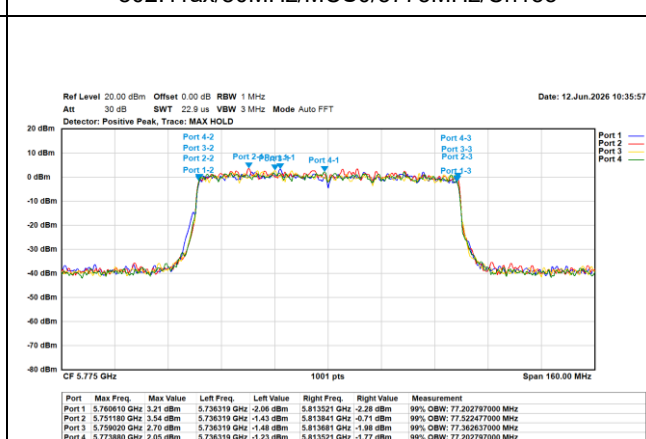
802.11ax/40MHz/MCS0/5795MHz/Ch159



802.11ax/80MHz/MCS0/5210MHz/Ch42

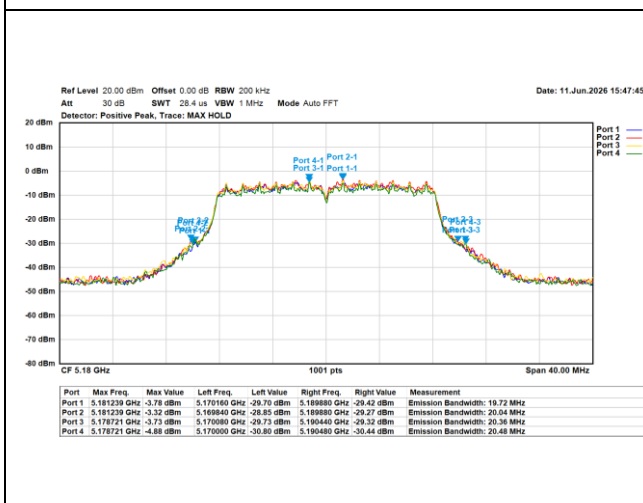


802.11ax/80MHz/MCS0/5775MHz/Ch155

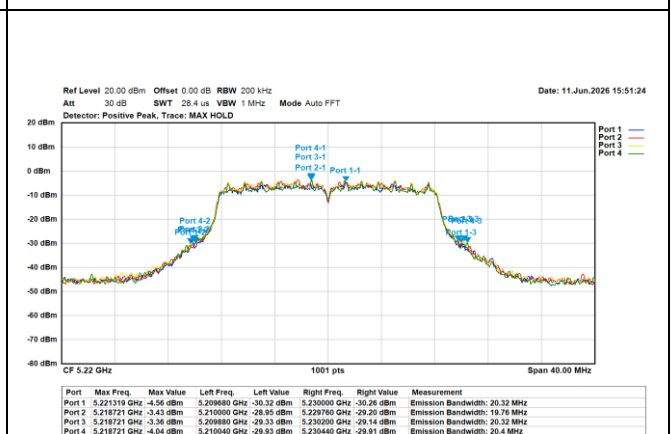


For 26dB Bandwidth:

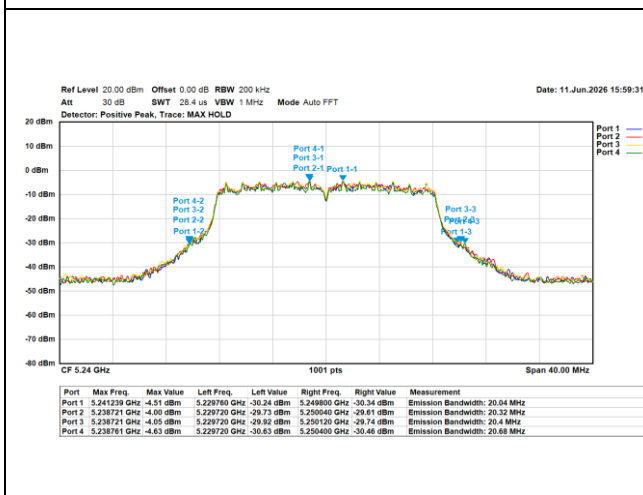
802.11a/20MHz/6M/5180MHz/Ch36



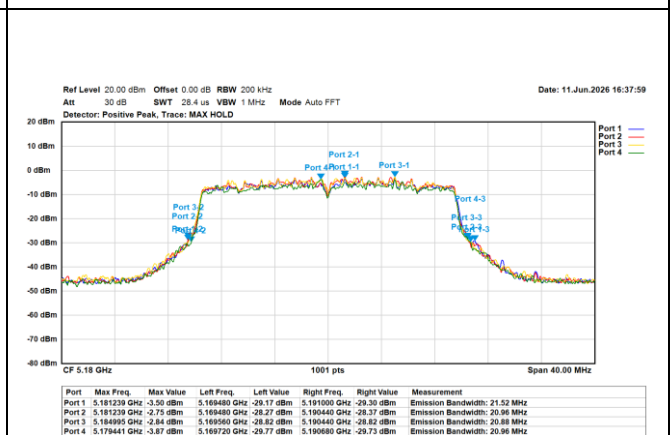
802.11a/20MHz/6M/5220MHz/Ch44



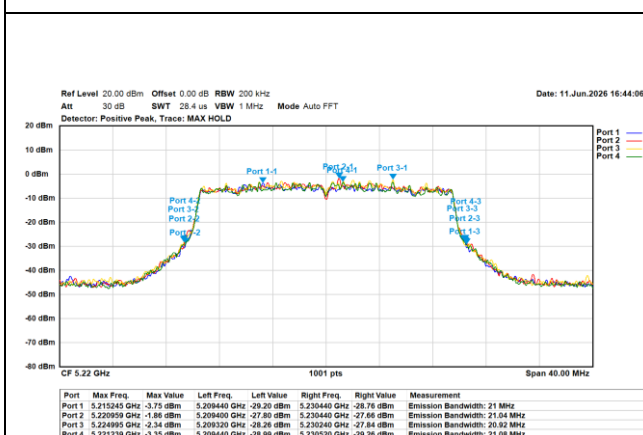
802.11a/20MHz/6M/5240MHz/Ch48



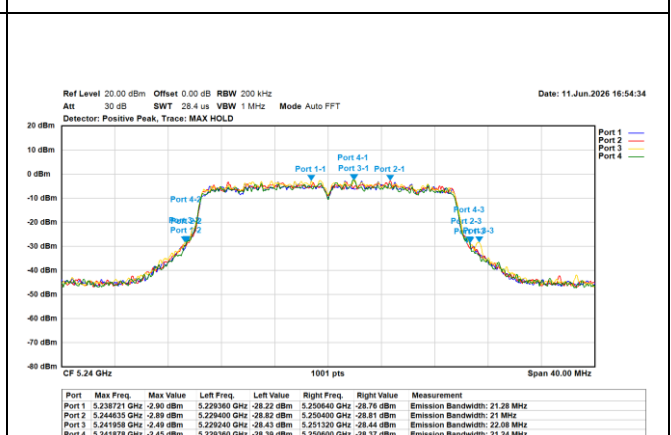
802.11ax/20MHz/MCS0/5180MHz/Ch36



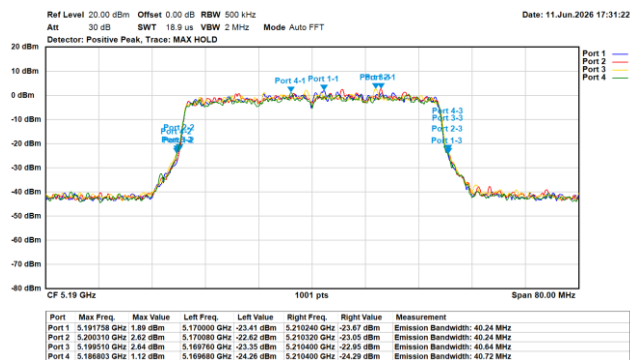
802.11ax/20MHz/MCS0/5220MHz/Ch44



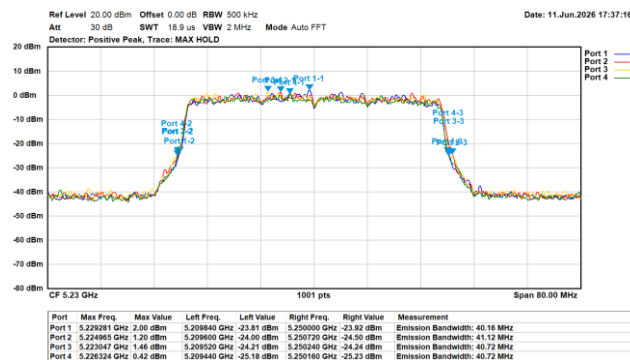
802.11ax/20MHz/MCS0/5240MHz/Ch48



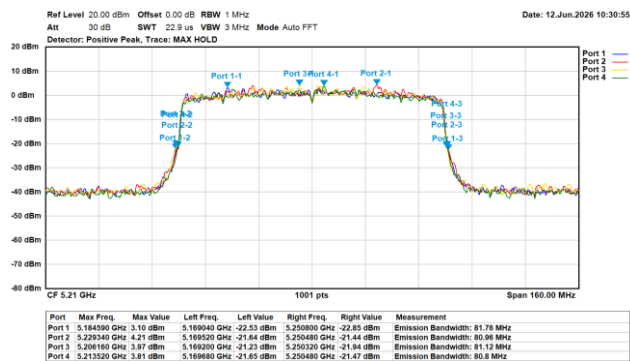
802.11ax/40MHz/MCS0/5190MHz/Ch38



802.11ax/40MHz/MCS0/5230MHz/Ch46

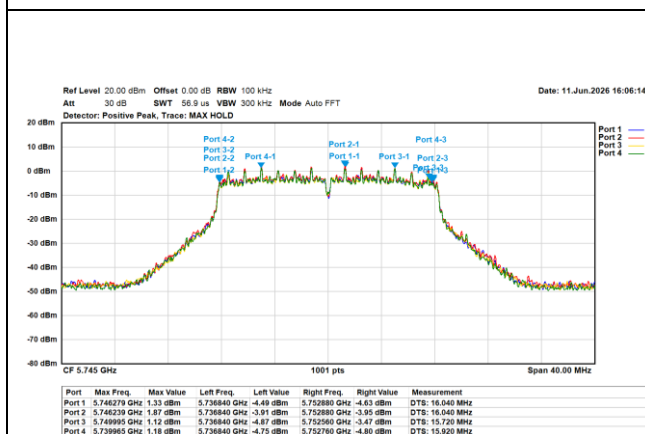


802.11ax/80MHz/MCS0/5210MHz/Ch42

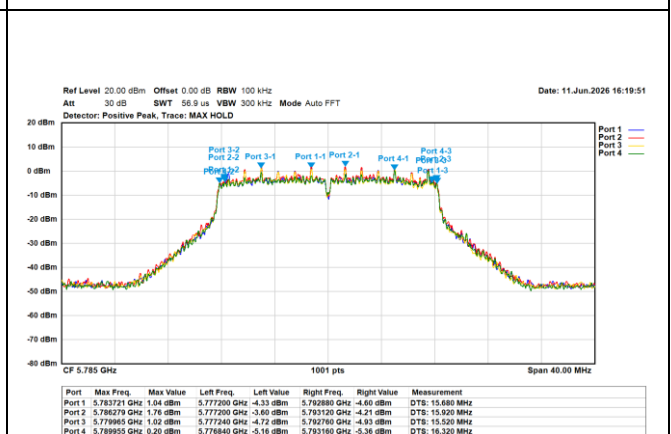


For DTS Bandwidth:

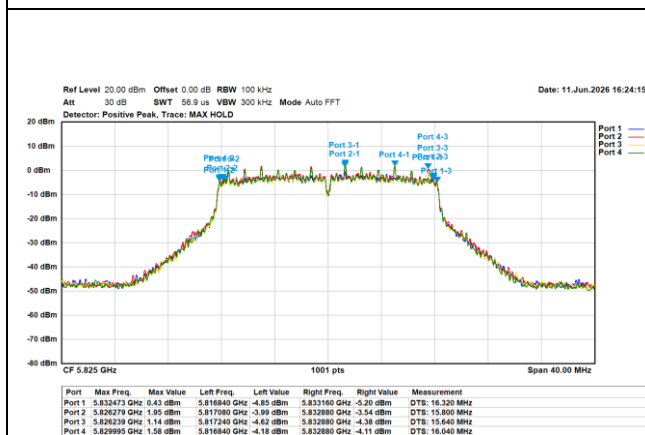
802.11a/20MHz/6M/5745MHz/Ch149



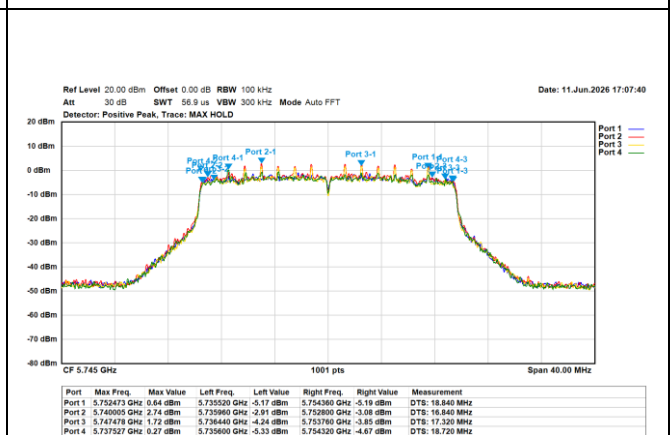
802.11a/20MHz/6M/5785MHz/Ch157



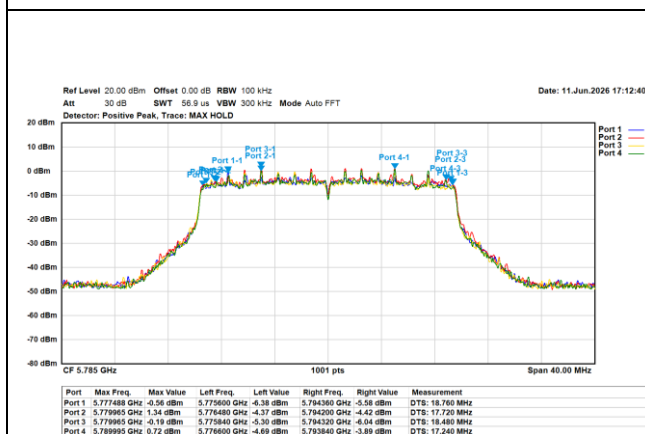
802.11a/20MHz/6M/5825MHz/Ch165



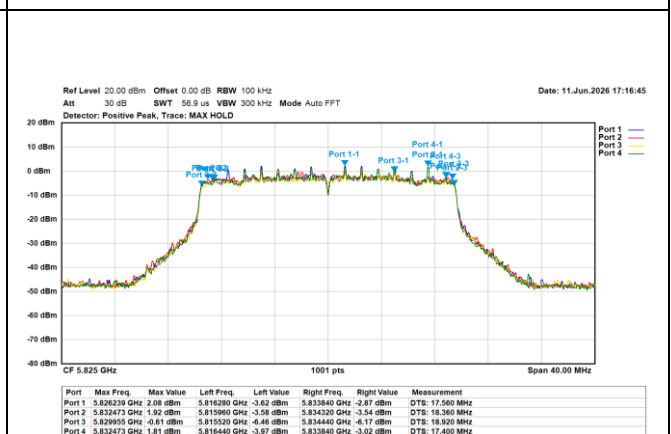
802.11ax/20MHz/MCS0/5745MHz/Ch149

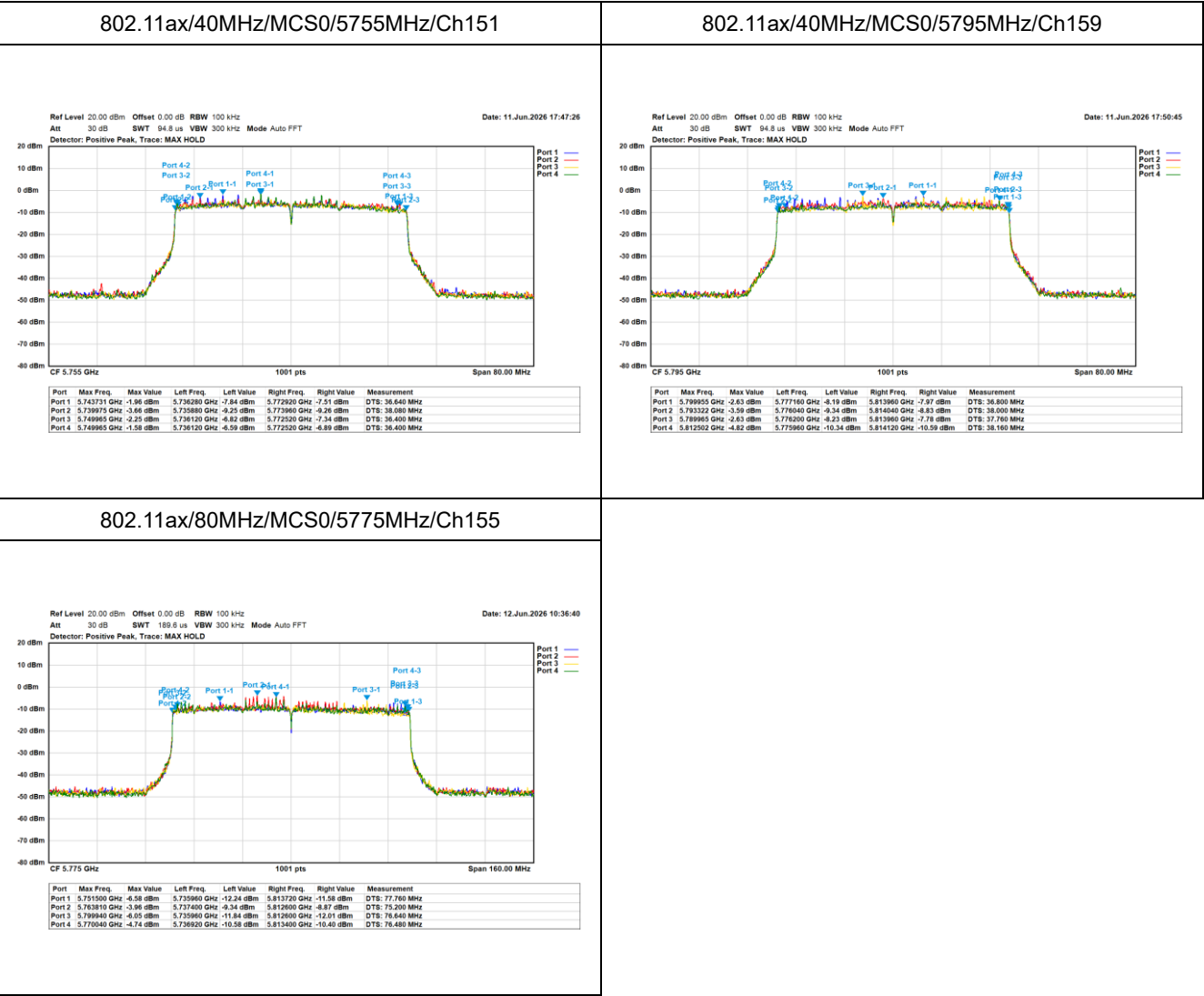


802.11ax/20MHz/MCS0/5785MHz/Ch157



802.11ax/20MHz/MCS0/5825MHz/Ch165





Appendix C. Test Result of Maximum Conducted Output Power

Master Mode

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total		
802.11a (20MHz)	5180	7.01	6.41	6.98	6.86	12.84	19.95	Pass
	5220	7.33	7.95	7.63	7.70	13.68	19.95	Pass
	5240	7.36	7.88	7.65	7.60	13.65	19.95	Pass
	5745	12.66	13.12	12.51	12.99	18.85	19.03	Pass
	5785	12.80	13.03	12.81	13.16	18.97	19.03	Pass
	5825	12.26	13.00	12.25	12.96	18.65	19.03	Pass
802.11ax (20MHz)	5180	7.38	7.78	7.39	7.07	13.43	19.95	Pass
	5220	7.71	8.30	8.13	8.19	14.11	19.95	Pass
	5240	8.52	8.91	9.04	8.63	14.80	19.95	Pass
	5745	12.78	13.04	12.88	13.13	18.98	19.03	Pass
	5785	12.41	12.82	12.64	12.40	18.59	19.03	Pass
	5825	12.39	13.14	12.48	13.21	18.84	19.03	Pass
802.11ax (40MHz)	5190	10.94	11.36	10.79	10.97	17.04	19.95	Pass
	5230	11.18	11.63	11.48	11.57	17.49	19.95	Pass
	5755	12.73	13.14	13.07	12.89	18.98	19.03	Pass
	5795	12.53	13.15	12.38	13.16	18.84	19.03	Pass
802.11ax (80MHz)	5210	11.55	12.10	11.71	11.72	17.80	19.95	Pass
	5775	12.16	12.94	12.27	12.79	18.57	19.03	Pass

Note: Maximum Conducted Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)} + \text{Ant. 3(mW)} + \text{Ant. 4(mW)})$.

Slave Mode

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total		
802.11a (20MHz)	5180	1.22	1.75	0.98	1.19	7.32	13.95	Pass
	5220	1.48	2.14	1.56	2.08	7.85	13.95	Pass
	5240	1.79	2.33	2.06	2.18	8.12	13.95	Pass
802.11ax (20MHz)	5180	1.36	1.96	1.53	1.58	7.63	13.95	Pass
	5220	1.85	2.42	2.08	2.54	8.25	13.95	Pass
	5240	2.01	2.53	2.51	2.61	8.44	13.95	Pass
802.11ax (40MHz)	5190	4.23	4.69	4.23	4.62	10.47	13.95	Pass
	5230	4.43	5.02	4.76	5.02	10.83	13.95	Pass
802.11ax (80MHz)	5210	7.53	7.85	7.82	8.12	13.86	13.95	Pass

Note: Maximum Conducted Output Power (dBm) = $10 \cdot \log (\text{Ant. 1(mW)} + \text{Ant. 2(mW)} + \text{Ant. 3(mW)} + \text{Ant. 4(mW)})$.

Appendix D. Test Result of Maximum Power Spectral Density

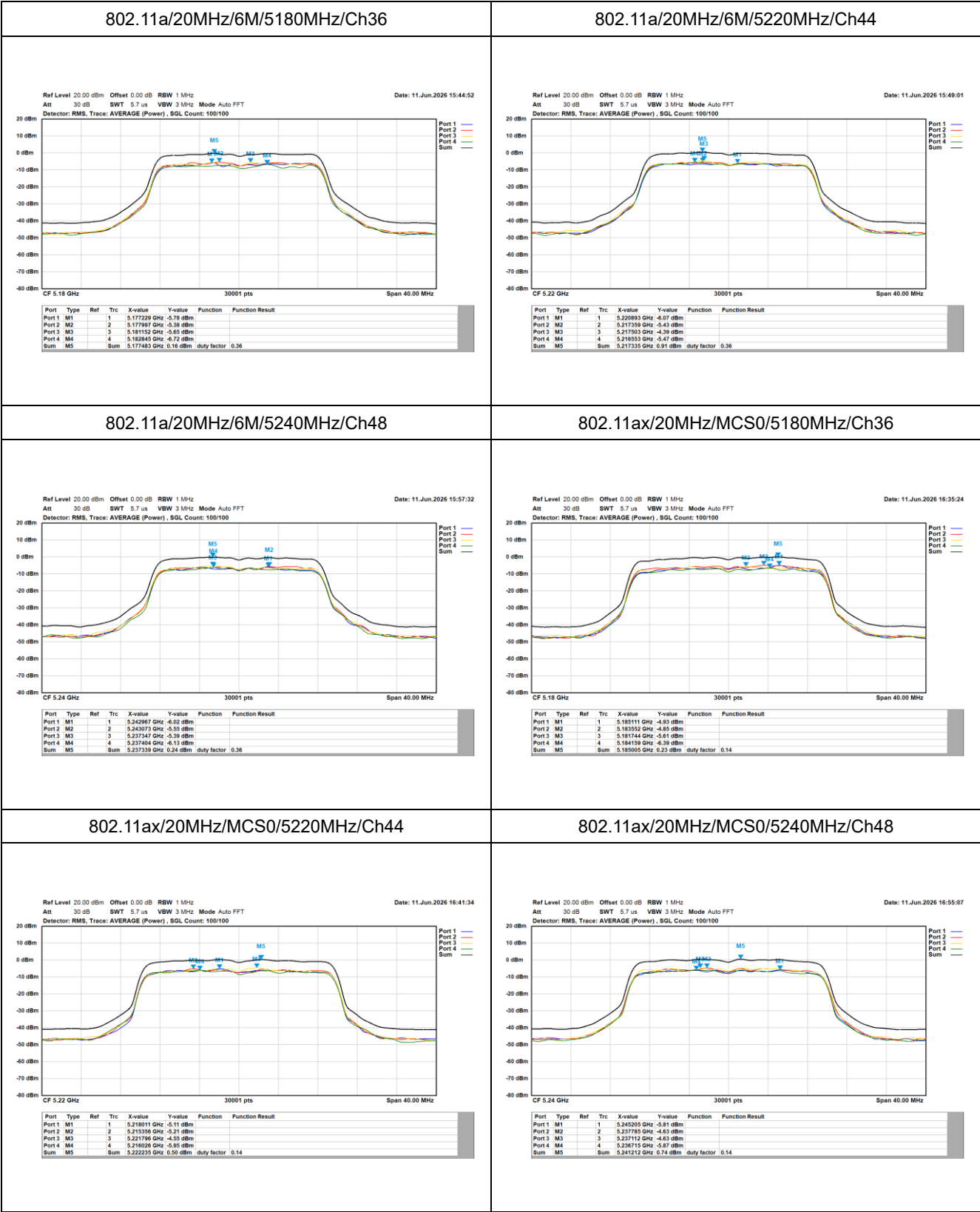
Master Mode

Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)					Limit (dBm/MHz)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total		
802.11a (20MHz)	5180	-5.78	-5.38	-5.65	-6.72	0.16	0.93	Pass
	5220	-6.07	-5.43	-4.39	-5.47	0.91	0.93	Pass
	5240	-6.02	-5.55	-5.39	-6.13	0.24	0.93	Pass
802.11ax (20MHz)	5180	-4.93	-4.85	-5.61	-6.39	0.23	0.93	Pass
	5220	-5.11	-5.21	-4.55	-5.95	0.50	0.93	Pass
	5240	-5.81	-4.63	-4.63	-5.87	0.74	0.93	Pass
802.11ax (40MHz)	5190	-4.65	-4.15	-4.73	-5.01	0.89	0.93	Pass
	5230	-5.60	-4.75	-4.87	-5.24	0.68	0.93	Pass
802.11ax (80MHz)	5210	-5.48	-4.69	-5.12	-5.42	0.67	0.93	Pass

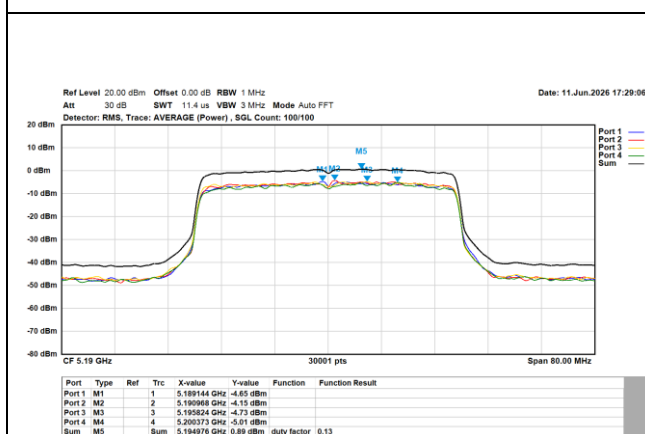
Note: Trace bin-by-bin of each transmits port summing can be performed maximum power density.

Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/500kHz)					Limit (dBm/500kHz)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total		
802.11a (20MHz)	5745	-2.16	-2.32	-3.10	-2.88	3.41	13.01	Pass
	5785	-3.03	-1.94	-2.58	-3.15	3.38	13.01	Pass
	5825	-2.29	-1.80	-3.02	-2.27	3.72	13.01	Pass
802.11ax (20MHz)	5745	-2.11	-1.41	-2.87	-2.84	3.75	13.01	Pass
	5785	-3.70	-3.16	-3.46	-3.63	2.10	13.01	Pass
	5825	-1.43	-1.43	-2.53	-2.41	3.93	13.01	Pass
802.11ax (40MHz)	5755	-5.42	-4.90	-5.63	-5.55	0.26	13.01	Pass
	5795	-5.87	-5.47	-6.59	-6.27	-0.19	13.01	Pass
802.11ax (80MHz)	5775	-9.52	-9.33	-9.77	-9.79	-3.86	13.01	Pass

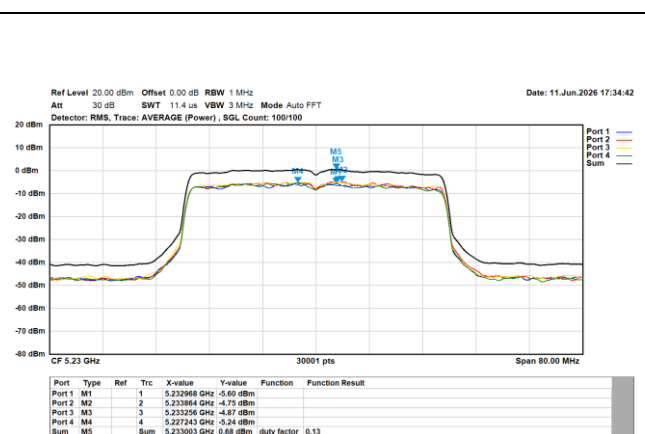
Note: Trace bin-by-bin of each transmits port summing can be performed maximum power density.



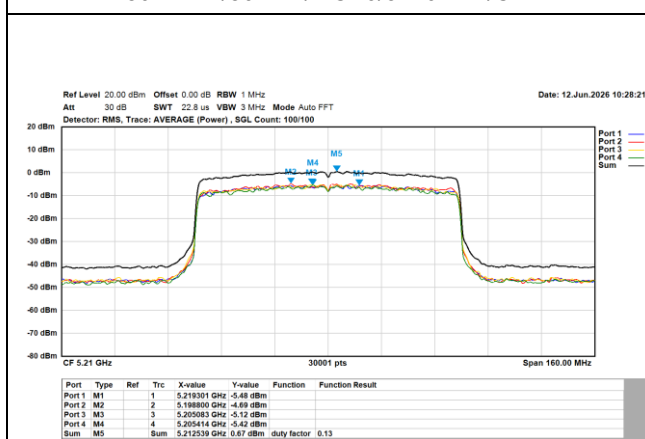
802.11ax/40MHz/MCS0/5190MHz/Ch38



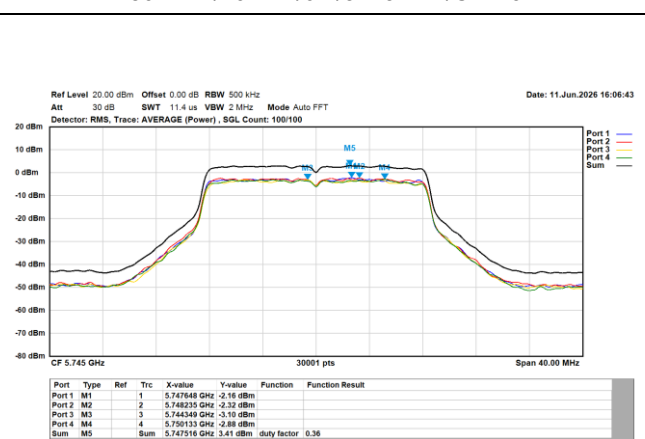
802.11ax/40MHz/MCS0/5230MHz/Ch46



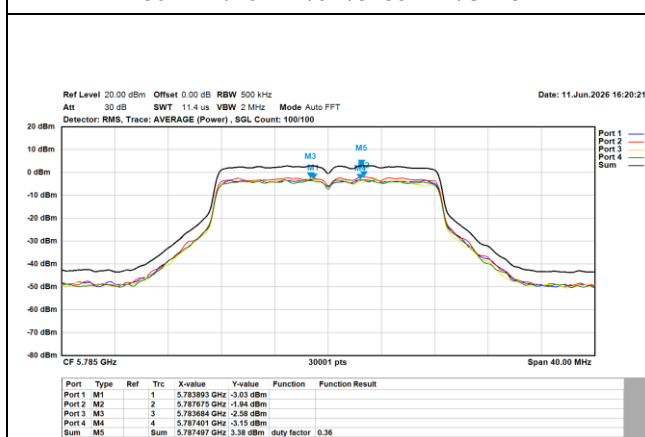
802.11ax/80MHz/MCS0/5210MHz/Ch42



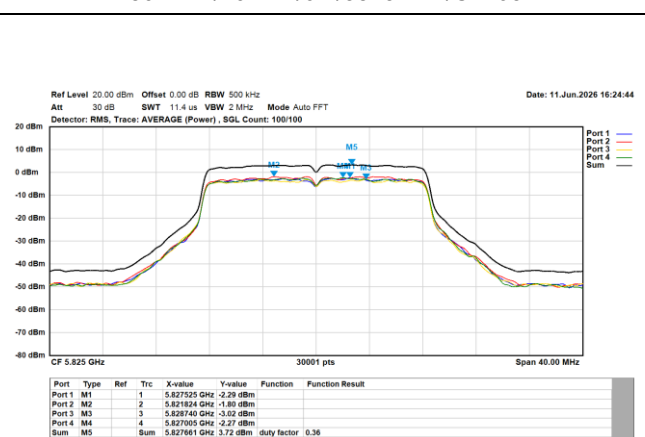
802.11a/20MHz/6M/5745MHz/Ch149

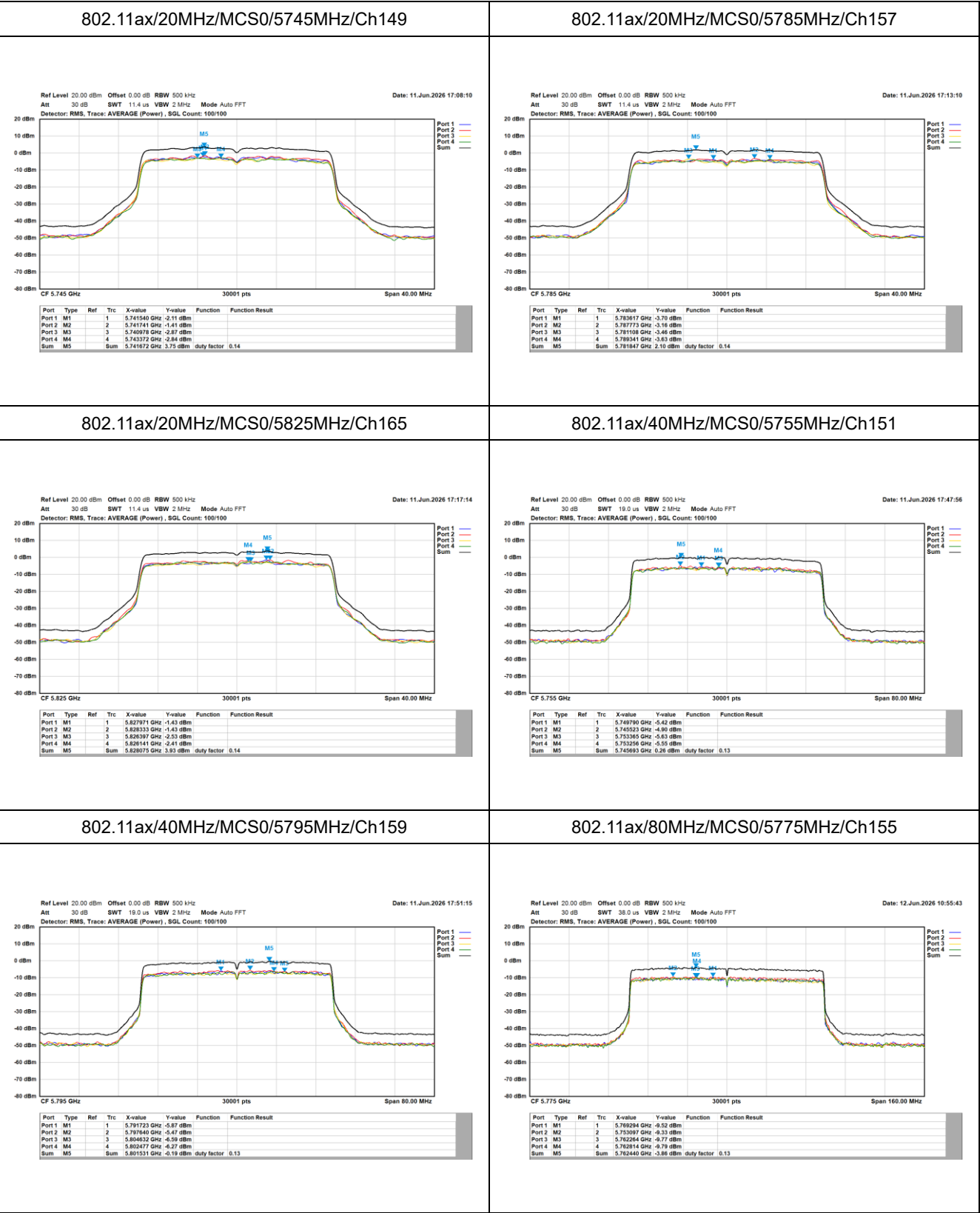


802.11a/20MHz/6M/5785MHz/Ch157



802.11a/20MHz/6M/5825MHz/Ch165





Slave Mode

Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)					Limit (dBm/MHz)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total		
802.11a (20MHz)	5180	-12.34	-10.98	-12.00	-12.38	-5.66	-5.07	Pass
	5220	-11.90	-11.37	-10.87	-11.87	-5.55	-5.07	Pass
	5240	-11.74	-11.85	-11.22	-12.34	-5.63	-5.07	Pass
802.11ax (20MHz)	5180	-11.69	-11.54	-11.18	-11.87	-5.61	-5.07	Pass
	5220	-11.23	-10.82	-11.04	-11.56	-5.32	-5.07	Pass
	5240	-11.94	-11.46	-10.78	-11.91	-5.80	-5.07	Pass
802.11ax (40MHz)	5190	-11.62	-10.95	-11.33	-11.66	-5.64	-5.07	Pass
	5230	-12.03	-11.57	-11.31	-11.71	-5.87	-5.07	Pass
802.11ax (80MHz)	5210	-11.25	-11.06	-10.74	-11.59	-5.28	-5.07	Pass

Note: Trace bin-by-bin of each transmits port summing can be performed maximum power density.